

DRILLING LOG		DIVISION South Atlantic	INSTALLATION Jacksonville District		SHEET 1 OF 2 SHEETS
1. PROJECT Duval County FL BEC Borrow Area B1			9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION CB-DUC04-30		LOCATION COORDINATES X = 413,160 Y = 2,182,331		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	
3. DRILLING AGENCY Alpine Ocean Seismic Survey, Inc.		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Vibrocure	
4. NAME OF DRILLER James F. Cole		12. TOTAL SAMPLES		DISTURBED 4	UNDISTURBED (UD) 0
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING	13. TOTAL NUMBER CORE BOXES 1	
6. THICKNESS OF OVERBURDEN N/A		7. DEPTH DRILLED INTO ROCK N/A		14. ELEVATION GROUND WATER Tidal	
8. TOTAL DEPTH OF BORING 19.2 Ft.		15. DATE BORING		STARTED 04-17-04	COMPLETED 04-17-04
		16. ELEVATION TOP OF BORING -51.0 Ft.		17. TOTAL RECOVERY FOR BORING 98 %	
		18. SIGNATURE AND TITLE OF INSPECTOR William H. Brenner, Geologist		<i>William H. Brenner</i>	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-51.0	0.0						-51.0		0
			SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, trace silt, trace angular coarse-grained sand-sized shell up to 2", weak reaction with HCl, wet, 2.5Y 6/2 light brownish gray (SP-SM)	100			Vibrocure		
				100	1		-53.0 Vibrocure		
							-54.0		
				100			Vibrocure		5
			At El. -57.0 Ft., weak cementation				-59.0		
				100	2		Vibrocure		
							-60.0		
				100			Vibrocure		10
							-63.0		
				100	3		Vibrocure		
							-64.0		
				100			Vibrocure		15

DRILLING LOG (Cont. Sheet)			INSTALLATION		SHEET 2 OF 2 SHEETS																			
PROJECT			COORDINATE SYSTEM/DATUM		HORIZONTAL	VERTICAL																		
Duval County FL BEC			State Plane, FLE (U.S. Ft.)		NAD27	MLLW																		
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ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE															
			At El. -66.0 Ft., 10Y 5/1 greenish gray	100			-66.5 Vibracore																	
				100	4		-67.5 Vibracore																	
-69.8	18.8			85			Vibracore																	
-70.2	19.2						-70.2																	
<p>NOTES:</p> <p>1. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>2. Laboratory Testing Results</p> <table border="1"> <thead> <tr> <th>SAMPLE ID</th> <th>SAMPLE DEPTH</th> <th>LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.0/3.0</td> <td>SP-SM*</td> </tr> <tr> <td>2</td> <td>8.0/9.0</td> <td>SP-SM*</td> </tr> <tr> <td>3</td> <td>12.0/13.0</td> <td>SP-SM*</td> </tr> <tr> <td>4</td> <td>15.5/16.5</td> <td>SP-SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p> <p>3. Additional Laboratory Testing</p> <p>2 Specific Gravity</p>										SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.0/3.0	SP-SM*	2	8.0/9.0	SP-SM*	3	12.0/13.0	SP-SM*	4	15.5/16.5	SP-SM*
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